

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	431	sensing adj array and(plurality or plural\$1)same electrode	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/10 23:13
L2	98	L1 and first adj electrode	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/10 23:14
L3	90	L2 and second adj electrode	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/10 23:15
L4	4	sensing adj array same(plurality or plural\$1)same electrode same first adj electrode same second adj electrode	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/10 23:16
L5	0	L4 and(@ad<"20031130" or @rlad<"20031130" or @prad<"20031130" or @ptlad<"20031130")	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/10 23:17
L6	0	L4 and(@ad<"20040723" or @rlad<"20040723" or @prad<"20040723" or @ptlad<"20040723")	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/10 23:18
L7	90	L1 and L3	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/10 23:24
L8	68	L7 and(@ad<"20040723" or @rlad<"20040723" or @prad<"20040723" or @ptlad<"20040723")	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/10 23:24
L9	24	L8 and first adj electrode and formed adj substrate	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/10 23:25
L10	12	L9 and second adj electrode and formed adj substrate and insulated and isolated	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/10 23:26
L11	0	L9 and second adj electrode same formed adj substrate same insulated same isolated same first adj electrode	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/10 23:28

L12	12	L9 and second adj electrode and formed adj substrate and insulated and isolated and first adj electrode	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/10 23:29
S1	80	sensor adj device and surface adj shape and recogniz\$3	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 13:31
S2	0	S1 and ("2" or 2-D or two adj dimensional\$1)adj array and sensor adj cells and electrode	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 13:35
S3	9	S1 and ("2" or 2-D or two adj dimensional\$1)and array and sensor adj cells and electrode	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 13:36
S5	4	S3 and @ad<"20031130"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 13:43
S6	0	S5 and (fingerprint or finger adj print)and sensed same capacitance and general\$3 adj values and (ridges or valleys)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 13:45
S7	0	S1 and (fingerprint or finger adj print)and sensed same capacitance and general\$3 adj values and (ridges or valleys)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 13:45
S8	0	S1 and (fingerprint or finger adj print)and sensed and capacitance and generat\$3 adj values and (ridges or valleys)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 13:46
S9	2	sensor adj device and(fingerprint or finger adj print)and sensed and capacitance and generat\$3 adj values and (ridges or valleys)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 13:46
S10	14	sensor adj device and sensed and capacitance and general\$3 adj values and (ridges or valleys)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 13:47
S11	2	S10 and @ad<"20031130"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 13:47
S12	2	S11 and ("2" or 2-D or two adj dimensional\$1) and array	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 13:50

S13	1	S12 and ((fingerprint or finger adj print) and sensed same capacitance and general\$3 adj values and (ridges or valleys)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 13:51
S14	1	S13 and (finger adj print or fingerprint)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:01
S15	1	S14 and ("2" or 2-D or two adj dimensional\$1) and array	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:02
S16	0	S15 and ("2" or 2-D or two adj dimensional\$1) and array and sensor adj cells and electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:02
S17	1	S15 and electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:02
S18	0	S15 and ("2" or 2-D or two adj dimensional\$1) and array and sensor near3 cells and electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:03
S19	0	S15 and ("2" or 2-D or two adj dimensional\$1) and array and cells and electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:03
S20	1	S15 and ("2" or 2-D or two adj dimensional\$1) and array and sensor and electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:03
S21	0	S20 and signals and output and capacitance and electrode and surface adj object	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:05
S22	0	S20 and signals and output and capacitance and surface adj object	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:05
S23	0	S20 and signals and output and surface adj object	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:06
S24	3	S1 and signals and output and capacitance and first adj electrode and surface adj object	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:06

S25	0	S24 and @ad<"20031130"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:06
S26	0	S24 and (@ad<"20031130" or @rlad<"20031130" or @prad<"20031130" or @ptad<"20031130")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:09
S27	3	sensor adj device and surface adj shape and recogniz\$3 and signals and output and capacitance and first adj electrode and surface adj object	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:10
S28	5	calculates and surface adj shape and input adj signals and sensor adj cells	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:14
S29	3	S28 and sensor adj device and surface adj shape and recogniz\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:15
S30	2	S29 and @ad<"20031130"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:15
S31	2	S30 and signals and output and capacitance and electrode and surface adj object	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:16
S32	2	S31 and ("2" or 2-D or two adj dimensional\$1) and array and sensor near3 cells and electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:17
S33	0	S32 and signals and output and capacitance and first adj electrode and surface adj object	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:17
S34	0	S32 and signal and capacitance and first adj electrode and surface adj object	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:18
S35	0	S32 and capacitance and first adj electrode and surface adj object	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:18
S36	0	S32 and first adj electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:18

S37	2	S32 and (plurality or plural\$3)and electrode	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:19
S38	0	S32 and (plurality or plural\$3)same electrodes	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:19
S39	2	S32 and (plurality or plural\$3)and electrodes	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:19
S40	2	S39 and @ad<"20031130"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:19
S41	0	S40 and(charging or discharging)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:20
S42	2	S40 and(charging or discharging or electric)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:21
S43	2	S42 and voltage	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:21
S44	0	S43 and first adj electrode	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:22
S46	93	((("5325442") or ("6151013") or ("6326227") or ("6346739") or ("6714666") or ("6330145") or ("6440814") or ("5907627") or ("6144757") or ("639994") or ("6438257") or ("6842542") or ("7062075") or ("7366332") or ("7508963") or ("20010015431") or ("20010026635") or ("20020181748") or ("20040021786") or ("20050259850") or ("20080187192") or ("6628269") or ("20010013861") or ("6011859") or ("5963657") or ("5973623") or ("6115484") or ("6225711") or ("6225711") or ("5920384") or ("5373181") or ("5778089") or ("5818956") or ("6057540") or ("6084977") or ("6234031") or ("6239027") or ("6333989") or ("6356649") or ("6392636") or ("6483931") or ("6518083") or ("6727561") or ("6765274") or ("6917694") or ("6927844") or ("6987871") or ("7045379") or ("7123026") or ("7205621") or (".").pn.")) .PN.	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/28 14:30

S47	0	S46 and sensor adj device and surface adj shape and recogniz\$3 and signals and output and capacitance and first adj electrode and surface adj object	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:37
S48	4	S46 and sensor adj device and recogniz\$3 and capacitance and electrode and surface adj object	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:38
S49	0	S48 and @ad<"20031130"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:38
S50	0	S48 and @ad<"20031130"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:49
S51	4	S48 and(@ad<"20031130" or @rlad<"20031130" or @prad<"20031130" or @ptad<"20031130")	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:50
S52	2	("20050244038").PN.	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/28 14:52
S53	0	S52 and @ad<"20031130"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:52
S54	0	S52 and @ad<"20030826"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 14:56
S56	2270	382/124,127,115,116,125,126,299 CCLS	USPAT	OR	ON	2009/04/28 15:12
S57	3	S56 and sensor adj device and surface adj shape and recogniz\$3	USPAT	OR	ON	2009/04/28 15:13
S58	0	S57 and sensor adj device and(fingerprint or finger adj print)and sensed and capacitance and generat\$3 adj values and (ridges or valleys)	USPAT	OR	ON	2009/04/28 15:14
S59	3	S57 and ("2" or 2-D or two adj dimensional\$1) and array	USPAT	OR	ON	2009/04/28 15:15
S60	0	S59 and ((fingerprint or finger adj print)and sensed same capacitance and generat\$3 adj values and (ridges or valleys)	USPAT	OR	ON	2009/04/28 15:15
S61	3	S59 and (fingerprint or finger adj print)	USPAT	OR	ON	2009/04/28 15:15
S62	2	S81 and signals and output and capacitance and electrode and surface adj object	USPAT	OR	ON	2009/04/28 15:16
S63	0	S82 and sensor adj device and surface adj shape and recogniz\$3 and signals and output and capacitance and first adj electrode and surface adj object	USPAT	OR	ON	2009/04/28 15:17

S64	8	S3 and(@ad<"20040723" or @lad<"20040723" or @prad<"20040723" or @ptad<"20040723")	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 15:24
S65	2	S52 and(@ad<"20040723" or @lad<"20040723" or @prad<"20040723" or @ptad<"20040723")	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 15:26
S66	0	S52 and @ad<"20040723"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 15:27
S67	4	S64 and @ad<"20040723"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 15:29
S68	3	S56 and sensor adj device and surface adj shape and recogniz\$3	USPAT	OR	ON	2009/04/28 15:30
S69	3	S68 and ("2" or 2-D or two adj dimensional\$1) and array	USPAT	OR	ON	2009/04/28 15:31
S70	3	S69 and (fingerprint or finger adj print)	USPAT	OR	ON	2009/04/28 15:31
S71	2	S70 and signals and output and capacitance and electrode and surface adj object	USPAT	OR	ON	2009/04/28 15:31
S72	2	S71 and (plurality or plural\$3) same electrodes	USPAT	OR	ON	2009/04/28 15:32
S73	0	S72 and @ad<"20040723"	USPAT	OR	ON	2009/04/28 15:33
S74	0	S72 and @ad<"20040723"	USPAT	OR	ON	2009/04/28 15:35
S75	432	340/5.53,5.83.ccls.	USPAT	OR	ON	2009/04/28 15:37
S76	2	S75 and sensor adj device and surface adj shape and recogniz\$3	USPAT	OR	ON	2009/04/28 15:37
S77	2	S76 and ("2" or 2-D or two adj dimensional\$1) and array	USPAT	OR	ON	2009/04/28 15:38
S78	2	S77 and (fingerprint or finger adj print)	USPAT	OR	ON	2009/04/28 15:38
S79	2	S78 and signals and output and capacitance and electrode and surface adj object	USPAT	OR	ON	2009/04/28 15:38
S80	2	S79 and (plurality or plural\$3) same electrodes	USPAT	OR	ON	2009/04/28 15:38
S81	0	S80 and @ad<"20040723"	USPAT	OR	ON	2009/04/28 15:39
S82	1113	702/104,130.ccls.	USPAT	OR	ON	2009/04/28 15:39
S83	4	S82 and sensor adj device and surface adj shape and recogniz\$3	USPAT	OR	ON	2009/04/28 15:40
S84	4	S83 and ("2" or 2-D or two adj dimensional\$1) and array	USPAT	OR	ON	2009/04/28 15:40
S85	3	S84 and (fingerprint or finger adj print)	USPAT	OR	ON	2009/04/28 15:40

S86	2	S85 and signals and output and capacitance and electrode and surface adj object	USPAT	OR	ON	2009/04/28 15:40
S87	1	S86 and @ad<"20040723"	USPAT	OR	ON	2009/04/28 15:40
S97	1	((surface and shape adj recognizing and sensor adj cells and two adj dimensionally and capacitances and substrate and first adj electrode and second adj electrode and surface adj object). CLM.	US_PGPUB	OR	ON	2009/04/28 15:50
S98	6	S46 and sensor adj device and surface adj shape and recogniz\$3	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 15:51
S100	6	S99 and ("2" or 2-D or two adj dimensional\$1) and array	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 15:51
S101	4	S100 and signals and output and capacitance and electrode and surface adj object	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 15:52
S102	4	S101 and (plurality or plural\$3) same electrodes	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 15:52
S103	0	S102 and @ad<"20040723"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 15:52
S104	45	((HIROKI) near2 (MORIMURA)).INV.	US_PGPUB; USPAT	OR	ON	2009/04/28 15:53
S105	18	((MAMORU) near2 (NAKANISHI)).INV.	US_PGPUB; USPAT	OR	ON	2009/04/28 15:54
S106	81	((SATOSHI) near2 (SHIGEMATSU)).INV.	US_PGPUB; USPAT	OR	ON	2009/04/28 15:54
S107	12	((TAKAHIRO) near2 (HATANO)).INV.	US_PGPUB; USPAT	OR	ON	2009/04/28 15:54
S108	24	((YUKIO) near2 (OKAZAKI)).INV.	US_PGPUB; USPAT	OR	ON	2009/04/28 15:55
S109	72	((KATSUYUKI) near2 (MACHIDA)).INV.	US_PGPUB; USPAT	OR	ON	2009/04/28 15:55
S113	1	S106 and((surface and shape adj recognizing and sensor adj cells and two adj dimensionally and capacitances and substrate and first adj electrode and second adj electrode and surface adj object)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 15:57
S114	1	S104 and(surface and shape adj recognizing and sensor adj cells and two adj dimensionally and capacitances and substrate and first adj electrode and second adj electrode and surface adj object)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 15:57

S115	1	S105 and(surface and shape adj recognizing and sensor adj cells and two adj dimensionally and capacitances and substrate and first adj electrode and second adj electrode and surface adj object)	US-PGPUB; USPAT; EPO; JPC; DERWENT; IBM_TDB	OR	ON	2009/04/28 15:57
S116	1	S107 and(surface and shape adj recognizing and sensor adj cells and two adj dimensionally and capacitances and substrate and first adj electrode and second adj electrode and surface adj object)	US-PGPUB; USPAT; EPO; JPC; DERWENT; IBM_TDB	OR	ON	2009/04/28 15:57
S117	1	S108 and(surface and shape adj recognizing and sensor adj cells and two adj dimensionally and capacitances and substrate and first adj electrode and second adj electrode and surface adj object)	US-PGPUB; USPAT; EPO; JPC; DERWENT; IBM_TDB	OR	ON	2009/04/28 15:58
S118	1	S109 and(surface and shape adj recognizing and sensor adj cells and two adj dimensionally and capacitances and substrate and first adj electrode and second adj electrode and surface adj object)	US-PGPUB; USPAT; EPO; JPC; DERWENT; IBM_TDB	OR	ON	2009/04/28 15:58
S119	6	"20050244038"	US-PGPUB; USPAT; EPO; JPC; DERWENT; IBM_TDB	OR	ON	2009/04/28 16:02
S120	0	S119 and @ad<"20040723"	US-PGPUB; USPAT; EPO; JPC; DERWENT; IBM_TDB	OR	ON	2009/04/28 16:02

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